

## OPC-ABCDEFGHIJKLM

### Application

Suitable for Local Area Networks, Data Centre, CATV, Telecommunication and Video Applications

### Product Picture



### Environmental Conditions

Relative Humidity (Operational)		Maximum Non Condensing <85%
Temperature	Storage	-40 to +70°C
	Operational	-20 to +70°C

### Fibre Optical Characteristics

Characteristic	SM/MM			
Connector Interface	FC/SC/ST/LC/MU			
Characteristic	Singlemode			Multimode
Polishing grade	PC	UPC	APC	PC
Insertion loss	<0.35dB	<0.30dB	<0.30dB	<0.35dB
Return loss	>45dB	>50dB	>65dB	>25dB
Interchangeability	<0.2dB			
Repeatability	<0.2dB			

### Geometric Characteristics

Polishing	PC	APC
Radius of Curvate	7-25mm	
Apex Offset	<50µm	
Angular Offset	-	8°±0.5°

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### Physical Characteristics

Sheath Material		Polyvinyl Chloride (PVC) or Halogen Free Flame Retardant (HFFR)	
Retention	0.9mm	9N	
	1.8mm	40N	
	2.0mm	60N	
	3.0mm	80N	

### Ordering Information

AB	CD		EF	GH	I	JKL
Fibre Type:	Connector:		Connector:	Cable Type:	Cable Material:	Cable Length:
SM=G652d	For SM:	For MM:	Same as CD	31=3mm SX	P=PVC	005 = 0.5m
LB=G657a	CU=SC/UPC	FC=FC		32=3mm DX	H= Halogen Free	010= 1.0m
O1=OM1	CA=SC/APC	SC=SC		21=2mm SX		100= 10m
O2=OM2	LU=LC/UPC	ST=ST		22=2mm DX		
O3=OM3	LA=LC/APC	LC=LC		81=1.8mm SX		
O4=OM4	FU=FC/UPC	MS=mSFP		82= 1.8mm DX		
	FA=FC/APC	MJ=MTRJ		90= 900um SX		
	MJ=MTRJ	MP=MTRJ w Pin				
	MP=MTRJ w Pin					
	MU=MU/UPC					
	DN=DIN/UPC					

### OFC-ABCDEFGHIJKL

Example: **OFC-SMCULU22H050** , A Single Mode SC/UPC to LC/UPC, Duplex 2mm cable, Halogen Free Sheath and 5.0m long.

### Reference Standards

ANSI/TIA/EIA-568-C3	ITU-T Standards
Telecordia GR326	ISO 11801
IEC60332-1	IEC 61034 (HFFR only),
IEC 60754-1 & 2 (HFFR only)	RoHS directives